

# **The DoD Sustainable Ranges Initiative**



## **30<sup>th</sup> Environmental and Energy Symposium and Exhibition**

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San Diego, CA**

**John J. Walsh  
Special Assistant for Training Ranges  
Office of the Deputy Under Secretary of Defense (Readiness)**



# TRAINING AND TESTING ARE MORE IMPORTANT THAN EVER

- Realistic training requires realistic training environments
- The ability to field and use advanced military technology is fundamental to U.S. warfare
- Our weapons and tactics require increasingly large battlespaces
- Readiness is perishable – Skills must be maintained through regular training
- OPTEMPO, PERSTEMPO are up; ready access to training is essential
- Use (& Modification of) Terrain is central to land warfare
- Live Fire is Fundamental to Training



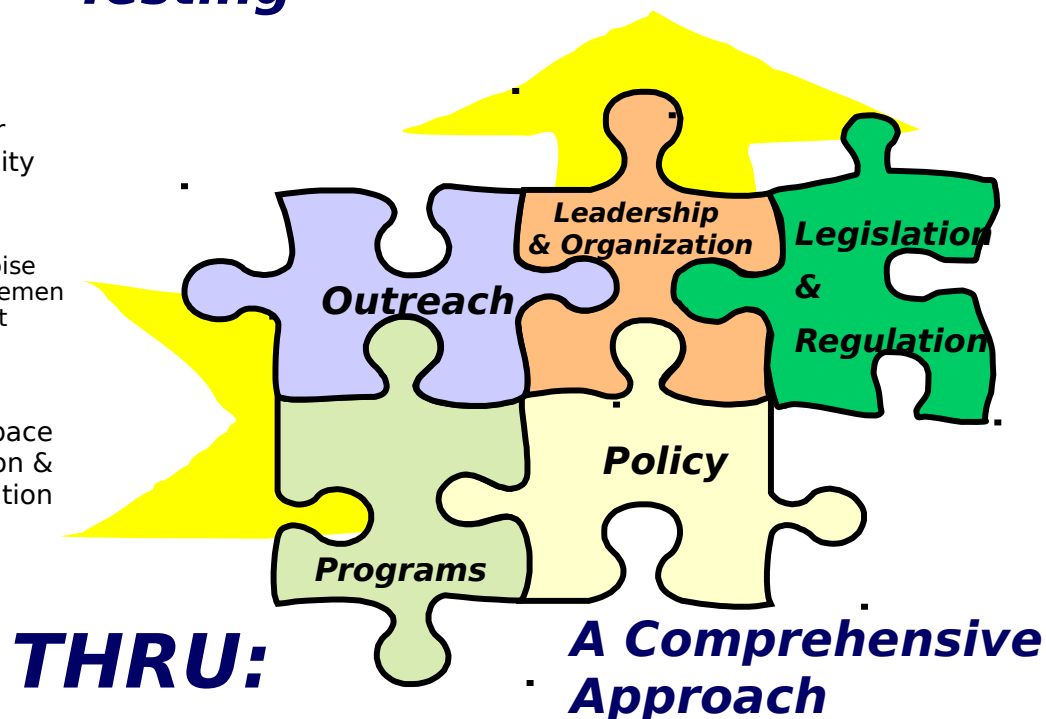
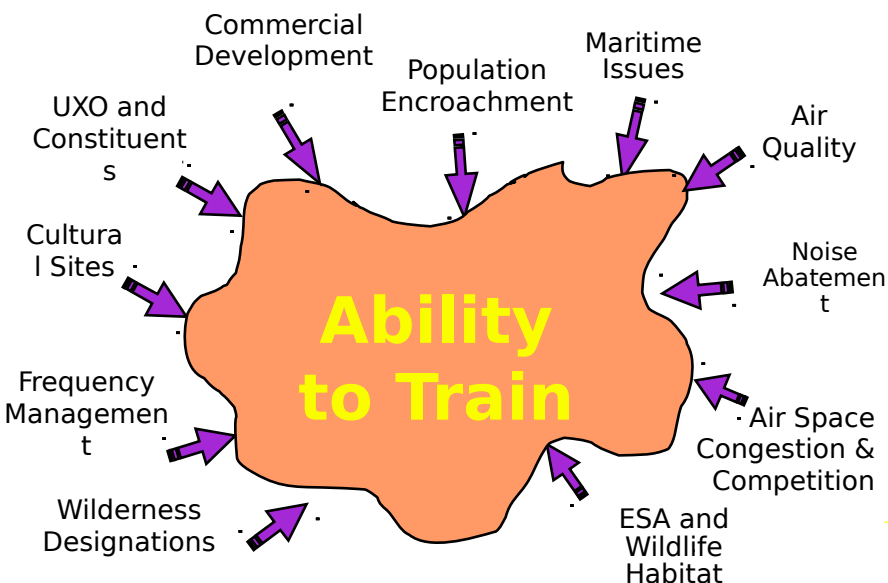
***We must train as we fight;  
because we fight as we  
train***



# SUSTAINABLE RANGES

**A SHIFT  
FROM:  
Encroachment and  
Reduced Flexibility**

**TO:  
Sustainable  
Training  
and  
Testing**





# MUNITIONS CONSTITUENTS AND PERCHLORATE

- Live Fire Is Essential to DoD Testing and Training
- DoD Will Assess and Prevent Migration of Munitions Constituents off range
  - OSD Guidance and directives address range assessments and prevention of off-range migration
  - FY05 RRPI helps clarify applicability of environmental regulations to range activities
  - Range clearance and munitions use practices will be reviewed to promote long-term sustainment
- DoD has a program to Clean Up Other than Operational Ranges
  - Recent DSB Report on UXO may influence some management aspects of the program



~~Perchlorate is a growing issue that must be proactively addressed by DoD~~  
**Recommendation: A More Systematic DoD Approach to UXO  
And Constituents Must Be a Key WIPT/OEESCM Focus Area in 2004**



# COMPATIBLE LAND USE AND BUFFERS AROUND RANGES

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- Sections 2811 and 2812 (from FY03 NDAA) allow DOD to cooperate more effectively with private entities and state and local governments to preserve land near military installations for mission protection and conservation purposes
- Services and DoD are establishing partnerships to develop buffers or otherwise promote compatible land uses
  - Army Compatible Use Buffers (ACUB)
  - DoN Encroachment Partnering Guidance
  - Florida Greenway Initiative
  - OEA Joint Land Use Study Planning Support to State and Local Governments
- President's 2005 Budget Proposal provides \$20M to further range land protections and related sustainment initiatives

*DoD and Service Buffering Efforts and Supporting  
Policies Must Be Coordinated*



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## **BACKUP SLIDES**



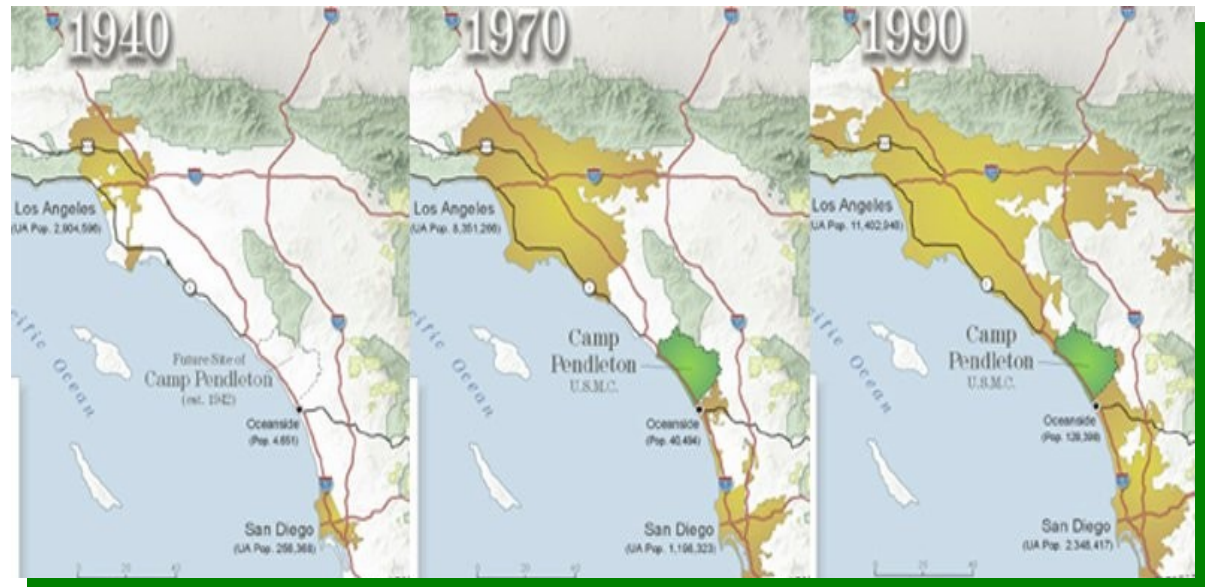
# RANGES ARE AT RISK

***Encroachment: Restrictions that inhibit accomplishment of our live training and testing as required***

- **Force Readiness is fundamentally linked to the quality and frequency of test and training**
- **The impact of encroachment is broad -- affecting our ability to execute realistic air, ground, and naval training across the nation, as well as beyond its borders.**

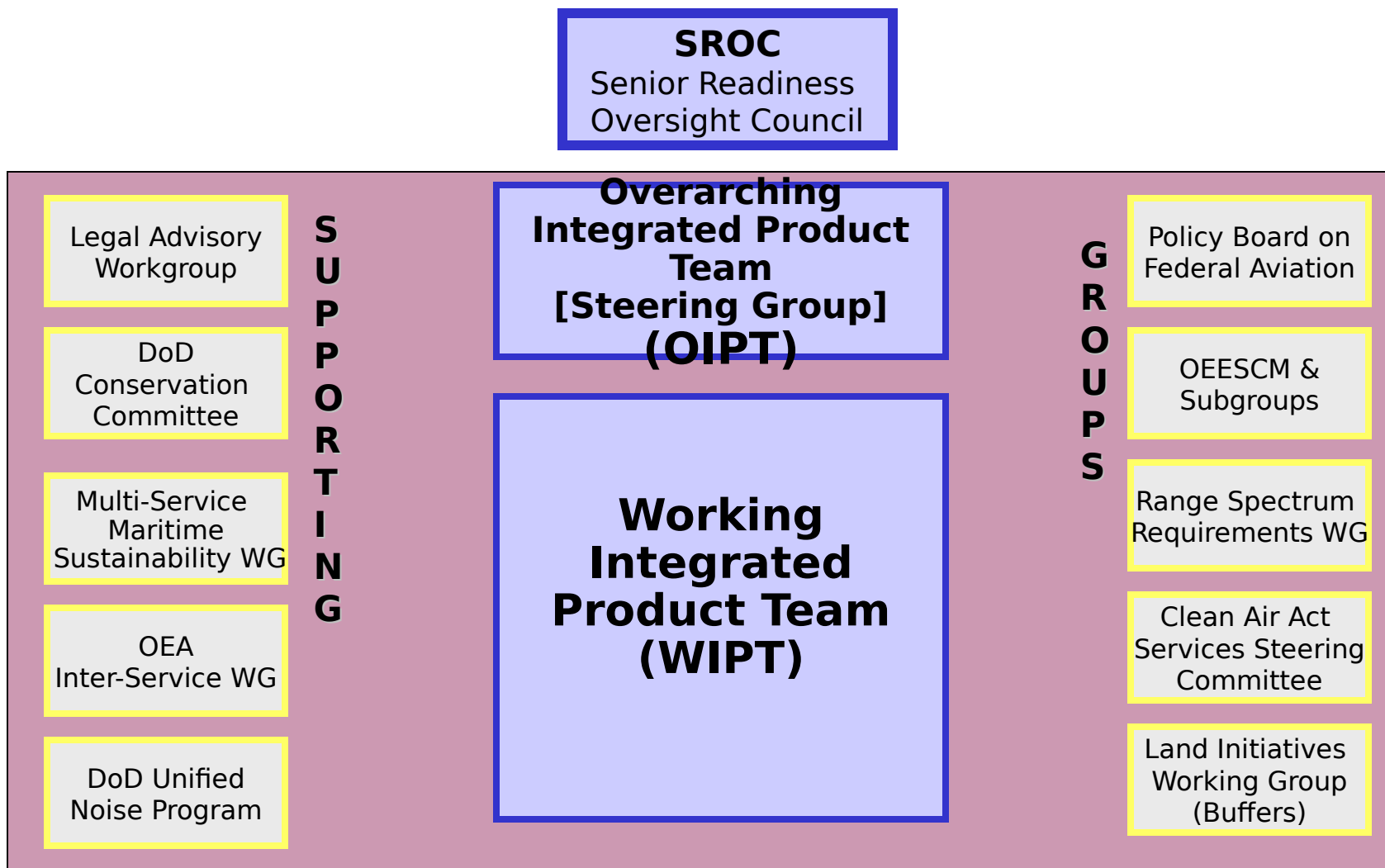
## **Areas of Encroachment**

- Endangered Species Act/ Critical Habitat
- UXO & Munitions
- Frequency Encroachment
- Maritime Sustainability
- National Airspace System
- Air Quality
- Airborne Noise
- Urban Growth





# ORGANIZATION





# LEGISLATIVE & REGULATORY

2003

- Land Conservation Partnerships
- Surplus Property Conveyance
- MBTA - Readiness Exemption

*Passed in 2003  
Authorization; Use of  
new Land conservation  
authorities underway*



2004

- MMPA - Harassment Definition
- ESA - Critical Habitat

*Passed in 2004  
Authorization*

2005

- RCRA - Munitions not Solid Waste
- CERCLA - Firing not a Release
- CAA - Conformity

*DoD Proposals  
Under  
Consideration*

## Regulatory/ Administrative Initiatives

## Legislative Initiative

*Only option for a  
few urgent  
encroachment  
issues*

*Matters that can  
be addressed  
through mutual  
agreement with  
regulators - do not  
require legislative  
solutions*

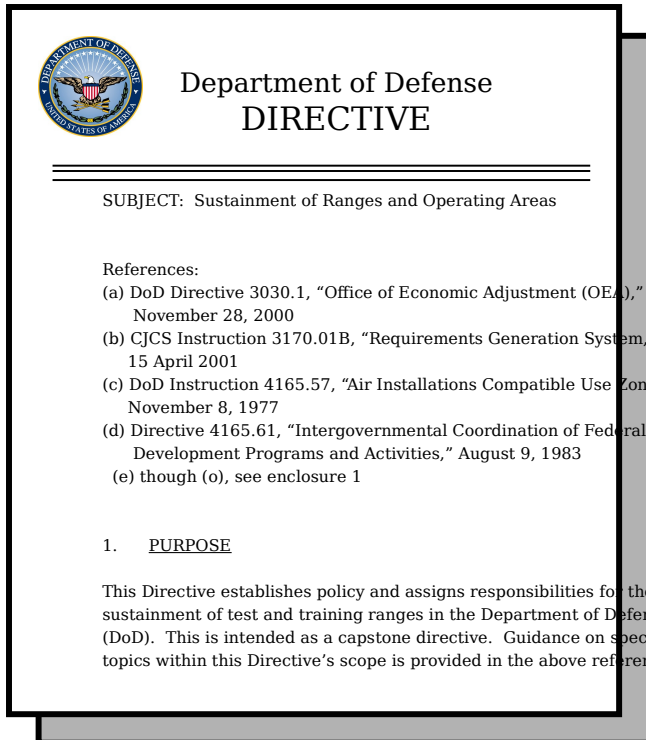


- MBTA
- ESA
- CAA
- CWA



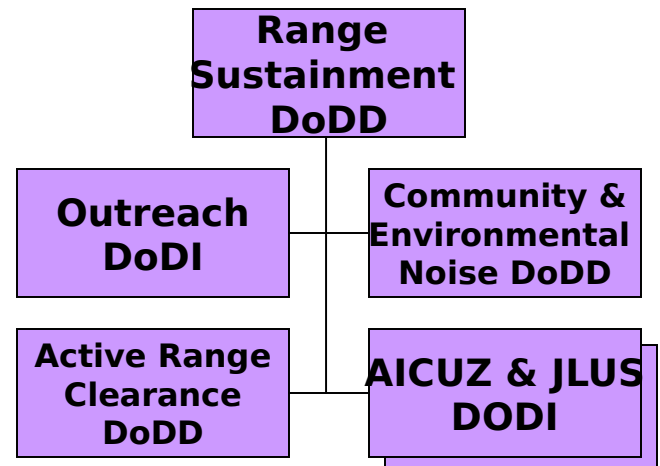
# POLICY

## Capstone Guidance on Planning and Management, Coordination and Outreach



- New Policy Components
  - Range Sustainment Directive (Complete)
  - Outreach and Stakeholder Involvement Instruction
  - Community and Environmental Noise Directive
  - Air Installations Compatible Use Zones (AICUZ) Instruction [Compatible Land Use Planning]
  - Active Range Clearance Directive
  - Joint Land Use Study Instruction
- Policy Updates
  - 4715.11 on Range Assessment and Monitoring

## Detailed Implementation on Guidance on Key Sustainment Topics





# PROGRAMS

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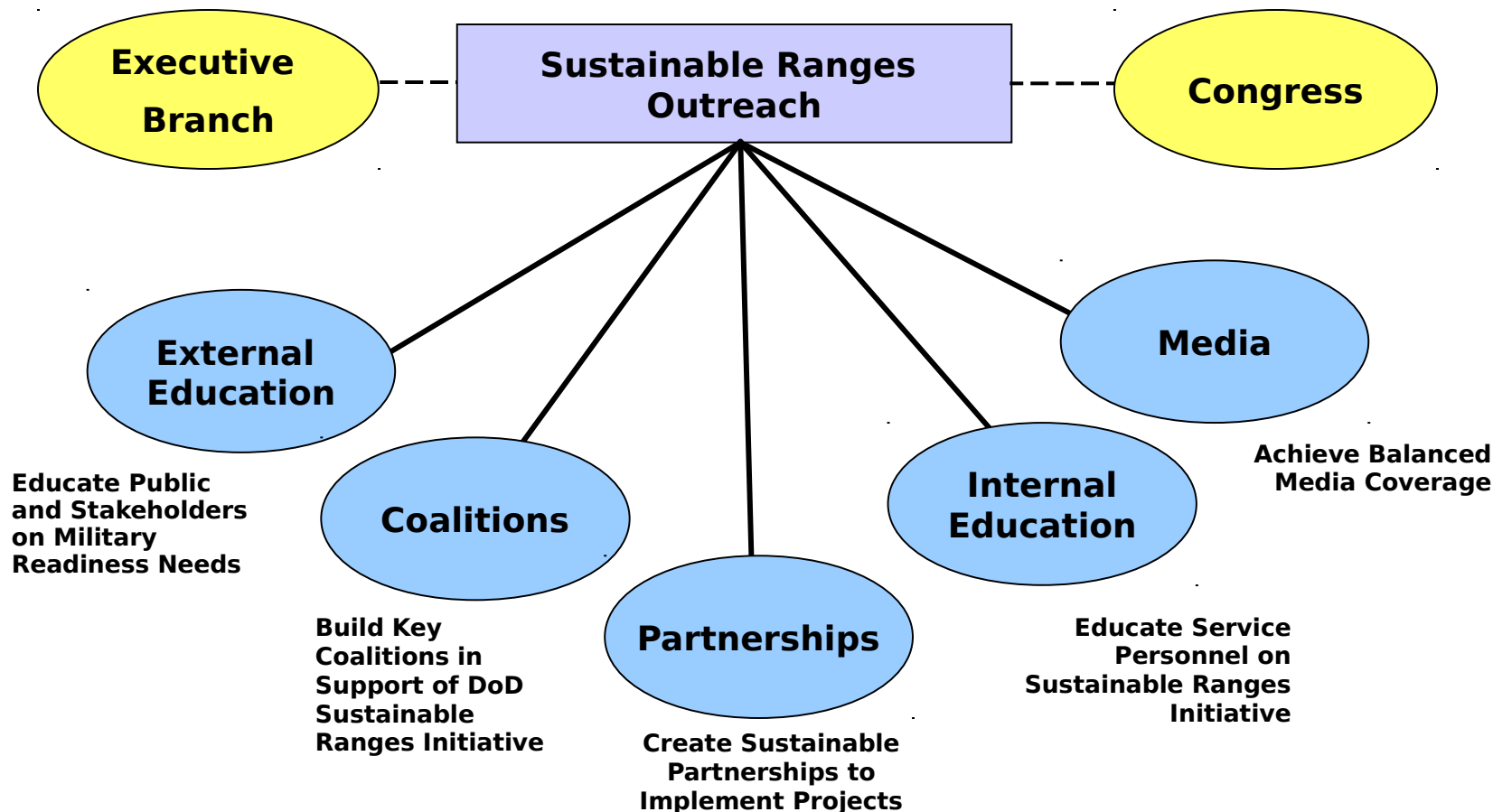
**DoD programmatic guidance outlines a comprehensive range sustainment program that will:**

- **Modernize range facilities to sustain range operations by resourcing advanced instrumentation and other infrastructure**
- **Conduct range operations in consonance with comprehensive sustainability plans that integrate operational, safety, facility and environmental management functions**
- **Maximize and sustain the availability of military ranges by resourcing for restoration and maintenance of range infrastructure and land assets**
- **Maximize the accessibility of DoD ranges by minimizing restrictions brought about by encroachment factors**
- **Focus the environmental management systems to fully support sustained required access to ranges**
- **Implement sustainment outreach efforts, coalition-building and partnering on range sustainment issues important to DoD readiness**
- **Pursue the development of new technologies or capabilities that support range sustainment goals and objectives**

*Service programs must ensure that these Sustainable Range program objectives receive adequate funding*



# OUTREACH



*Stakeholder Involvement and Partnerships are Fundamental To Sustainable Range Success*



# SUSTAINABLE RANGE

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